



Substituted for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/821,981
Filing Date	April 12, 2004
First Named Inventor	Seth ORLOW
Group Art Unit	1615
Examiner Name	
Attorney Docket Number	ORLOW1A

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code* ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Number Country Code* Number* Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/C.B./	AM	WO 02/085349 A1	10-31-02	Beiersdorf AG		
/C.B./	AN	WO 02/098347 A2	12-12-2002	New York University		

 Examiner
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BN/SB/08A/B

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/C.B./	AO	HU D-N et al., "Regulation of Melanogenesis by Human Unveal Melanocytes In Vitro", Chemical Abstracts, (June 23, 1997), Vol. 126, No. 25, abstract only.	
/C.B./	AP	Greenspan A.H. et al., "Acanthosis Nigricans-like Hyperpigmentation Secondary to Triazine Therapy", Archives of Dermatology, Feb. 1985), Vol. 121, No. 2, pp. 232-235, XP009037865.	
/C.B./	AQ	Knockaert M. et al., "Intracellular targets of cyclin-dependent kinase inhibitors: identification by affinity chromatography using immobilised inhibitors", Chemistry and Biology, (June 2000), Vol. 7, No. 6, pp. 411-422, XP001070114.	
/C.B./	AR	Márs U. et al., "New Thioureas and Related Substances Intended for Melonoma Targeting", Pigment Cell Research, (Aug. 1995), Vol. 8, No. 4, pp. 194-201, XP009037885.	
/C.B./	AS	Silen J.L. et al., "Screening for Novel Antimicrobials from Encoded Combinatorial Libraries by Using a Two-Dimensional Agar Format", Antimicrobial Agents and Chemotherapy, (June 1998), Vol.42, No. 6, pp. 1447-1753, XP002203675.	

Examiner Signature	/Courtney Brown/	Date Considered	11/27/2007
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/C.B./	AA	CHIU, EASTER, et al., Postnatal Ocular Expression of Tyrosinase and Related Proteins: Disruption by the Pink-eyed Unstable (p ^u) Mutation, March 19, 1993, pp. 301-305, Vol. 57	
/C.B./	AB	DURHAM-PIERRE, D., et al., African Origin of an intragenic deletion of the Human P Gene in Tyrosinase Positive Oculocutaneous Albinism, NATURE GENETICS 7, June 1994, pp. 176-179	
/C.B./	AC	GAHL, WILLIAM A., et al., Melanosomal Tyrosine Transport in Normal and Pink-eyed Dilution Murine Melanocytes, PIGMENT CELL RESEARCH, June 9, 1995, pp. 229-233, Vol. 8	
/C.B./	AD	GARDNER, JOHN M., et al., The Mouse Pink-Eyed Dilution Gene: Association with Human Prader-Willi and Angelman Syndromes, SCIENCE 257, August 21, 1992, pp. 1121-1124	
/C.B./	AE	HEARING, VINCENT J., Invited Editorial: Unraveling the Melanocyte, AM. J. HUM. GENET. 52, 1993, pp. 1-7	
/C.B./	AF	IIDA, KOICHI, et al., Potent Inhibitors of Tyrosinase Activity and Melanin Biosynthesis from Rheum Officinale, Planta Med. 61, March 12, 1995, pp. 425-428, GEORGE THIEME STUTTGART, NEW YORK	
/C.B./	AG	KORNER, ANN, et al., Mammalian Tyrosinase Catalyzes Three Reactions in the Biosynthesis of Melanin, SCIENCE, September 17, 1982, pp. 1163-1165, Vol. 217	
/C.B./	AH	LAMOREUX, LYNN M., et al., The Pinkeyed-Dilution Protein and The Eumelanin/Pheomelanin Switch: In Support of a Unifying Hypothesis, PIGMENT CELL RESEARCH 8, September 4, 1995, pp. 263-270	
/C.B./	AI	LERNER, AARON BUNSEN, et al., Physiology Rev. 30, Biochemistry of Melanin Formation, January 1950, pp. 91-126, Vol. 30	
/C.B./	AJ	ORLOW, SETH J., et al., The Pink-Eyed Dilution Locus Controls the Biogenesis of Melanosomes and Levels of Melanosomal Proteins in the Eye, EXP. EYE RES., 1999, pp. 147-154, Vol. 68, Academic Press	
/C.B./	AK	ORLOW, SETH J., The Pigmentary System: Physiology and Pathophysiology 97, The Biogenesis of Melanosomes, pp. 97-106, Chapter 6, Oxford University Press, New York, Nordlund, et al., eds.	
/C.B./	AL	REISH, ORIT, et al., Tyrosine Inhibition Due to Interaction of Homocyst(e)ine with Copper: The Mechanism for Reversible Hypopigmentation in Homocystinuria Due to Cystathionine β -Synthase Deficiency, AM. J. HUM. GENET., April 11, 1995, pp. 127-132, Vol. 57	

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